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Cont

2. (amended) The method of claim 1, wherein the drug target protein expression is modulated when a candidate drug compound is administered to a host cell, in which the drug target protein has been introduced, thereby identifying a target of the drug candidate compound.

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7. (amended) A method for detecting a potential drug target protein, comprising:
modulating, by somatic gene transfer, expression of the drug target protein in host cells;
administering a candidate drug compound to the host cells; and,
determining the expression of the drug target protein expressed in the host cells.

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14. (amended) The method of claim 7, wherein the drug target protein forms a complex with at least one other protein.

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29. (amended) A method of mimicking one or more effects of a drug candidate compound in an identified somatic cell, tissue or organ of interest, the method comprising:
modulating, by somatic gene transfer, expression of a desired drug target protein in cells; and,
administering to the cells a candidate drug compound; wherein,
the candidate drug compound modulates the expression of the drug target protein;
and,
analyzing the expression of the drug target protein as a result of administering the candidate drug compound; and,
thereby, predicting the effect of the drug candidate compound.

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31. (amended) The method of claim 30, further comprising:
culturing in medium a population of somatic cells, a tissue or an organ capable of expressing a recombinant nucleic acid segment encoding a drug target protein; and,